

May 13, 2020

OFFICE OF AIR AND RADIATION

The Honorable Bradley Schneider U.S. House of Representatives Washington, D.C. 20515

Dear Congressman Schneider:

I am writing in response to your letter from March 27, 2020, about the U.S. Environmental Agency's (EPA) review of two regulations to address emissions of the chemical ethylene oxide: National Emissions Standards for Hazardous Air Pollutants (NESHAP) for miscellaneous organic chemical manufacturing, and the NESHAP for commercial sterilizers. I am pleased you had the opportunity to discuss the Agency's progress on these issues with Administrator Wheeler during the March 31, 2020, Congressional Ethylene Oxide Task Force call.

Communicating about EPA rulemaking

As EPA pursues its mission of protecting public health and the environment, addressing ethylene oxide is a high priority for the Agency. In your letter, you asked that EPA "be thinking about how to effectively communicate with the public every step of the way" as we go through the rulemaking process for the two regulations currently under review. As we discussed during our March 31 meeting, EPA has taken a number of steps to ensure an open and transparent rulemaking process. First, I signed proposed amendments to the NESHAP for miscellaneous organic chemical manufacturing (often referred to as "the MON") on November 1, 2019, and EPA made a copy of the proposed rule available on its website that same day. Second, the proposal was published in the Federal Register on December 17, 2019¹. Third, EPA held two public hearings on the proposed rule: one on January 14, 2020, in Houston, Texas; and the other on January 16, 2020, in Washington, D.C. Fourth, the Agency held a public webinar to walk through the proposed rule on January 21, 2020. Finally, EPA provided a lengthy public comment period, which was extended to March 19, 2020; the public had access to the proposed rule for four and a half months prior to the comment deadline. EPA staff have been reviewing the more than 5,000 comments received on the proposed rule as they develop a final rule. EPA is under a court-ordered deadline to take final action on the MON by May 29, 2020.

 $^{^{\}mathbf{1}} \mathbf{See} \ \underline{\mathbf{https://www.federalregister.gov/documents/2020/02/26/2020-03768/national-emission-standards-for-hazardous-air-pollutants-miscellaneous-organic-chemical}$

In addition, the Administrator has hired a senior advisor for risk communication at EPA headquarters. This advisor is consulting on risk communication involving ethylene oxide across the Agency; her work is supplementing the work already underway in this area by EPA's Office of Air Quality, Planning and Standards, and she is working closely with staff from that office.

Ambient monitoring data and rulemaking

Despite these benefits, ambient monitoring currently cannot detect ethylene oxide at all levels in the air, and ambient data is not the only information that can be used to calculate fugitive emissions. Information about levels of ethylene oxide *inside* sterilization facilities, as well as information about ethylene oxide usage amounts, which are not typically reported to the National Emissions Inventory or the Toxics Release Inventory, also can be used to estimate fugitives. Recognizing the importance of addressing fugitive emissions during our review of the sterilizers NESHAP, EPA has sought this data as part of the recent CAA section 114 requests.

At the same time we are reviewing the two NESHAPs, EPA is working to better understand potential background levels of ethylene oxide across the country. The Agency's national contract laboratory has measured ethylene oxide in air quality samples from 18 existing, longstanding monitors that are part of the National Air Toxics Trends Stations (NATTS) network and the Urban Air Toxics Monitoring Program (UATMP), and the Agency is training other laboratories to analyze for ethylene oxide at other monitors in these two networks. Ethylene oxide in the outdoor air remains challenging to measure. As we discussed in our March 31 meeting, EPA is working to improve its measurement methods for ethylene oxide in the outdoor air, with a focus on characterizing the chemical at lower concentrations and over shorter time periods. This work will be critical to helping us understand background ethylene oxide in different areas of the country.

The IRIS value for ethylene oxide

Your letter encourages EPA to account for the diversity of the sterilization industry in its upcoming proposed rulemaking and asks the Agency to help small businesses comply. As we discussed in our recent meeting, about one-third of the facilities potentially affected by the sterilizers rule are small businesses. Because of this, we have convened an SBAR panel, which is expected to provide recommendations by late summer. The proposed regulation will include an appropriate time for facilities to comply, and EPA will provide compliance assistance. I also wish to note that section 112 of the CAA allows the Administrator to "distinguish among classes, types, and sizes of sources within a category or subcategory in establishing emission standards." The current sterilizers NESHAP reflects different emission standards based on source size, and we will consider the need for such flexibility in our upcoming rulemaking for this source category.

As you requested, your comments have been placed in the dockets for both rulemakings.² I hope this information has been helpful to you, and I look forward to our continued conversations as we work to address this priority chemical. If you have any questions, please contact me or your staff may contact Patricia Haman in EPA's office of Congressional and Intergovernmental Relations at *haman.patricia@epa.gov* or (202)-564-2806.

Sincerely,

Anne L. Idsal

² The letter is available in the "MON" docket at https://www.regulations.gov/document?D=EPA-HQ-OAR-2018-0746-0166 and in the docket for the commercial sterilizers NESHAP at https://www.regulations.gov/document?D=EPA-HO-OAR-2019-0178-0139



May 13, 2020

OFFICE OF AIR AND RADIATION

The Honorable Jody Hice U.S. House of Representatives Washington, D.C. 20515

Dear Congressman Hice:

I am writing in response to your letter from March 27, 2020, about the U.S. Environmental Agency's (EPA) review of two regulations to address emissions of the chemical ethylene oxide: National Emissions Standards for Hazardous Air Pollutants (NESHAP) for miscellaneous organic chemical manufacturing, and the NESHAP for commercial sterilizers. I am pleased you had the opportunity to discuss the Agency's progress on these issues with Administrator Wheeler during the March 31, 2020, Congressional Ethylene Oxide Task Force call.

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May 13, 2020

OFFICE OF AIR AND RADIATION

The Honorable Henry Johnson U.S. House of Representatives Washington, D.C. 20515

Dear Congressman Johnson:

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May 13, 2020

OFFICE OF AIR AND RADIATION

The Honorable Susan Wild U.S. House of Representatives Washington, D.C. 20515

Dear Congresswoman Wild:

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May 13, 2020

OFFICE OF AIR AND RADIATION

The Honorable David Scott U.S. House of Representatives Washington, D.C. 20515

Dear Congressman Scott:

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